

Appl. No.: 10/574,700

Amdt. Dated August 27, 2008

Response to Office Action Mailed April 1, 2008

REMARKS:

Applicant appreciates the time and care the examiner has taken in examining the application. Applicant requests reconsideration of the rejection of the claims, and states the following in support.

Amendments to the Claims. No new matter is presented, and the claims as amended remain supported by the original specification. In the amendment, claims 6-7 have been amended, and claim 8 is presented again without amendment. New claims 15-31 have been added. The independent claims are claims 6, 15, 18, and 24.

Claims 6-7 have been amended to convert the "whereby" clauses to positively stated claim terms.

Independent claim 15 is a partially closed claim similar to claim 6, but also recites that the claimed apparatus is devoid of any anemometer. This limitation is supported in the original specification at paragraph [0054], shown on page 4 of U.S. Pat. App. Pub. US2007/00440386 A1:

[0054] The electric power generating apparatus 2 for dispersed power supply according to the invention can be economically produced by eliminating an anemometer and an expensive PWM converter and reducing kinds of windings in the permanent magnet type electric power generator 3 and reactor, and can increase an annual electric power generation because of no need of stand-by electric power which is required with the PWM

converter, whereby the apparatus according to the invention becomes very useful from a practical view point.

Independent claim 18, likewise, is a partially closed claim similar to claim 6, but recites that the claimed apparatus is devoid of any pulse width modulation (PWM) converter. This limitation also is supported in the original specification at paragraph [0054], shown on page 4 of U.S. Pat. App. Pub. US2007/00440386 A1, recited above.

Independent claim 24 is similar to claim 6 but is an open claim that limits the number of windings to exactly two, and limits the number of saturated reactors to exactly one. These limitations to include only two windings and only one reactor are supported in the original specification at, among other places, FIG. 1, and paragraphs [0018], [0030], [0034], [0035], [0039], and [0054] of U.S. Pat. App. Pub. US2007/00440386 A1. An example of the specific explanations for these limitations set forth in the original specification appears in paragraph [0018]:

[0018] The small size wind power generating apparatus 2 of the prior art including the three kinds of windings and three kinds of reactors described above suffers problems to be solved from the fact that many reactors are required, and the windings in the permanent magnet type electric power generator 3 are complicated in configuration, making the production process lengthy, in terms of the number of step involved, and potentially costly.

The negative limitations are enabled by the original specification and satisfy the written description requirement. The specification, at paragraphs [0018] and [0054] (recited above) and in other places, explicitly indicates how the absence of the recited features yields the improvement in simplicity and cost-effectiveness of the device as claimed. The original specification sets forth patentable reason for exclusion of the excluded features, and hence the

original specification is enabling and provides adequate support for and written description of the claimed limitations.

Response to Rejection under Section 103(a).

For the sake of brevity, all arguments from the prior responses to office actions are herein incorporated by reference. As the rejection remains founded upon the combination of the teachings of Smith, Kawazoe and Kawasuji, all prior arguments remain apt.

In addition, it is specifically noted with respect to the partially closed claims and those containing negative limitations that the cited prior art taken alone or in combination fails to disclose the following features of the respective independent claims:

- a. Of consisting essentially of only the recited features;
- b. Of being devoid of any anemometers;
- c. Of being devoid of any pulse width modulation converters; and
- d. Having limitation of the number of windings to exactly two, and limitation of the number of saturated reactors to exactly one.

The cited prior art taken alone or in combination sets forth more complicated and costly structures, for the reasons set forth at length in the prior responses. Smith and Kawazoe rely upon speed detectors and speed regulators, and Kawasuji fails to supply the feature as relied upon by the examiner to yield the claimed combination.

Therefore, it is respectfully submitted that the rejection under Section 103(a) should be reconsidered and withdrawn; that application is in condition for prompt allowance; and that all of the objections, rejections and requirements raised in the Office action have been met. Early, favorable treatment of this application is requested.

The examiner is encouraged to telephone Robert Schneider with any questions or comments so that efforts may be made to resolve any remaining issues.

Extension Request and Deposit Account Charge Authorization. The Commissioner is hereby authorized to charge any required fees, or credit any overpayment, associated with this communication, including fees for any necessary extension of time under 37 CFR §1.136(a) for filing this communication, which extension is hereby requested, to our Deposit Account No. 50-0305 of Chapman and Cutler LLP.

Respectfully submitted,

By: 

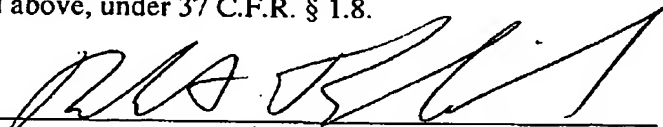
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CERTIFICATE OF FACSIMILE TRANSMISSION UNDER 37 C.F.R. § 1.8

Attorney Docket Number: 1718626
App. Serial No.: 10/574,700
Date of Facsimile Transmission: August 27, 2008
Transmitted to Facsimile No.: 1-571-273-8300

I hereby certify that the attached correspondence, namely: Response to Office Action, was transmitted by facsimile on the date listed above, to the U.S. Patent Office at the facsimile number listed above, under 37 C.F.R. § 1.8.

Signature: 

Typed Name of Person Signing this Certificate: Robert J Schneider

Date of Signature: August 27, 2008